A.I.A. FILE NO. 19-E

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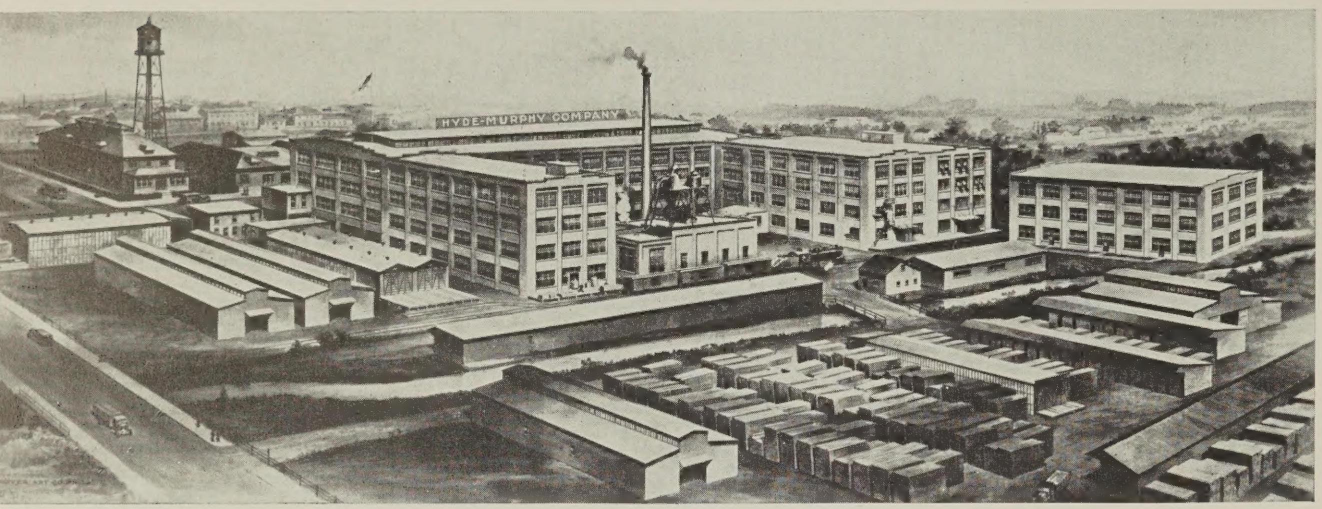
architectural woodwork
flush doors

Hyde-Murphy Company

A.I.A. FILE NO. 19-E

custom woodwork

by the east's largest manufacturer of special millwork . . .



The Hyde-Murphy Company was established in 1866, nearly a century ago. The present president and General Manager, Samuel P. Murphy, is the fourth generation of his family to serve in that capacity. Craftsmen throughout the plant have been trained by their fathers and grandfathers in a similar manner and include many father-son teams. These craftsmen, with many lifetimes of experience in special mill work, are aided and directed by men with widely diversified experience in building and manufacturing to produce quality work at budget prices.

machinery

These facilities are constantly being added to, and replaced, so that the latest and best machines adapted to special work, are being used.

location

In northwestern Pennsylvania, in an area where the first industry was logging, and where the hills today are beautiful with Oak, Maple, Pine and Cherry trees.

delivery

Most of the millwork manufactured is delivered by our own tractor-trailer outfits, insuring a minimum of handling and the fastest service.

architectural woodwork

All work is custom built. Shop drawings are prepared from details furnished by the architect and are submitted for approval before fabrication.

Joints are accurately machined and tight-fitting veneered work is made with carefully and artistically matched faces. All work is sanded to a fine finish and carefully inspected before shipping.

Architects and their clients are delighted with the clean cut lines, skillful matching of woods, and abundant evidences of good workmanship.

Builders and contractors are pleased with the accuracy of the work reducing installation labor to a minimum.

flush doors

type one—5 ply

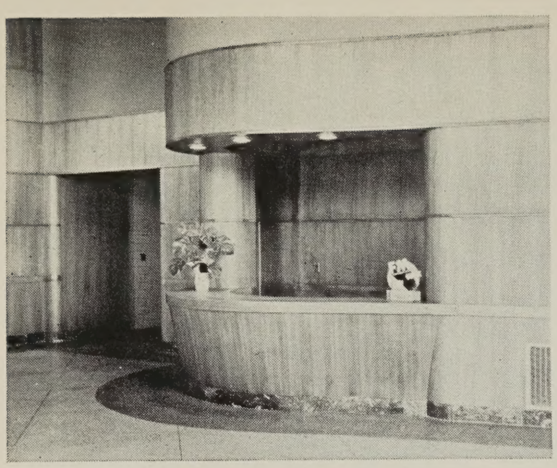
Modern type, "No-Warp", flush doors with staved cores. Simplified cores and thinner face veneers permit selling these guaranteed doors at the lowest prices consistent with a quality product. See page 6.

type two—3 ply

Original "No-Warp" flush doors using typical "framed-up" cores. This construction is good, superior to most, but tests prove that it is no better than our less expensive 5-ply construction. We offer both, letting customer decide which they want—either is guaranteed. See page 7.

special doors

If a door is made of wood and is practical, Hyde-Murphy can make it. With over ninety years of manufacturing experience, the Hyde-Murphy Company considers special doors as ordinary production. See page 6.



WHAM Broadcasting Studio, Rochester, N.Y.

Architect—Kaelber & Waasdorp
Builders—John B. Pike & Son, Inc.

Trimmed in Straight-Grain Walnut, and Cherry, this project contains thousands of feet of flush panelling, with radius returns at door openings. Cut shows the lobby desk and adjacent panelling.

General George W. Wingate High School, Brooklyn, N.Y.

Architect—Kelly and Gruzen
Builders—Caristo Construction Corp.

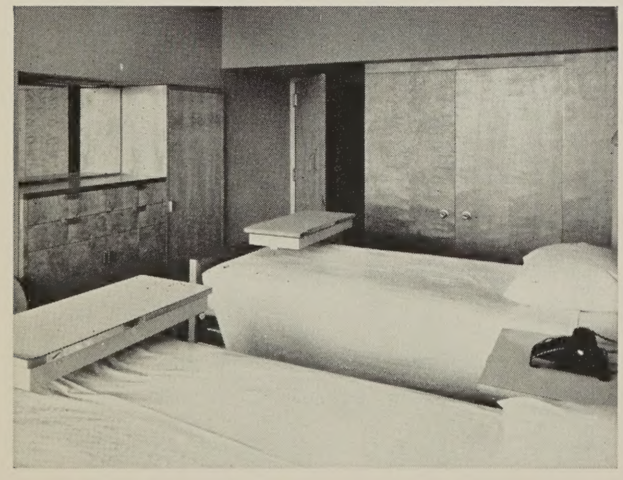
Millwork for scores of New York City schools has been manufactured by Hyde-Murphy Company, over a period of nearly a half-century. Made to rigid specifications and subject to three different inspections (including one shop-inspection) this work is given the same exacting care as all Hyde-Murphy Company products.

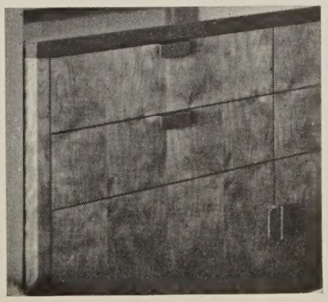
Lankenau Hospital, Overbrook (Philadelphia), Pa.

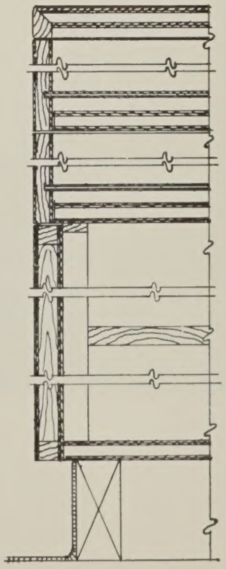
Architect—Vincent G. Kling
Builders—Wark & Co.

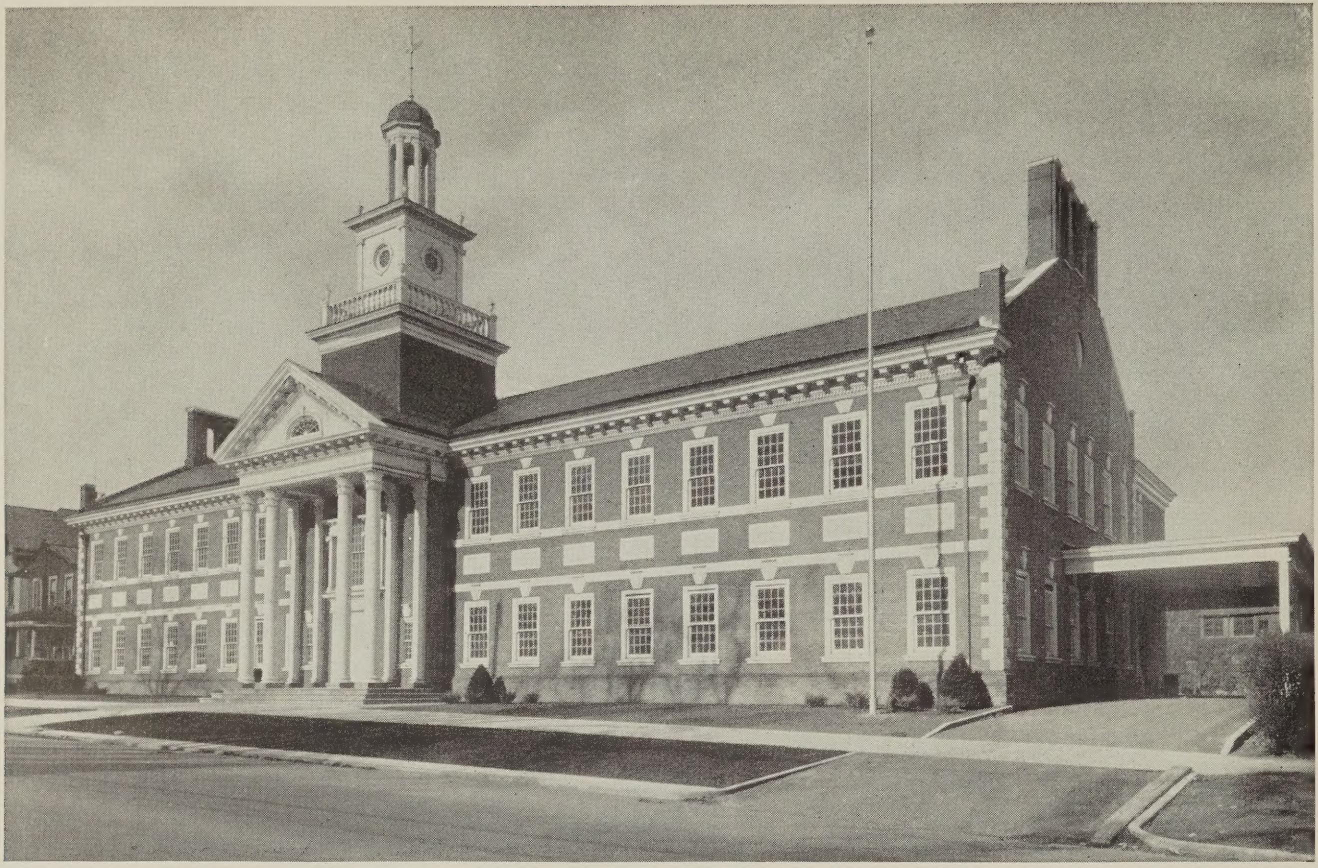
Wardrobes for patients' bedrooms are faced with Selected White Birch veneers.

An interesting manufacturing problem was involved in making these wardrobes, as it was necessary to use one book-leaf matched veneer face for two ¾″ drawer fronts and one 1⅛″ door occurring under the drawers. The finishing of the millwork was done at our factory, before delivery.



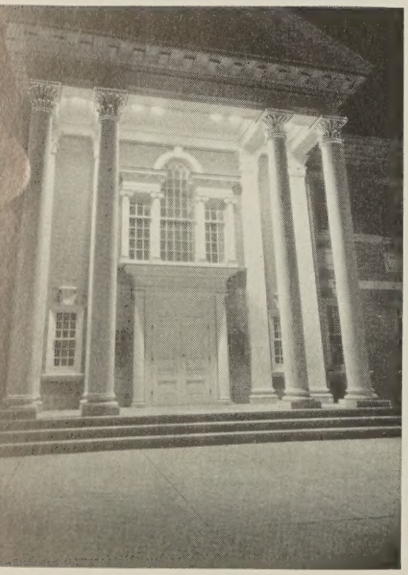






Erie Insurance Exchange, Erie, Pennsylvania

Architects: Nelson, Goldberg and Heidt
Builders: Sessinghouse & Ostergaard, Inc.

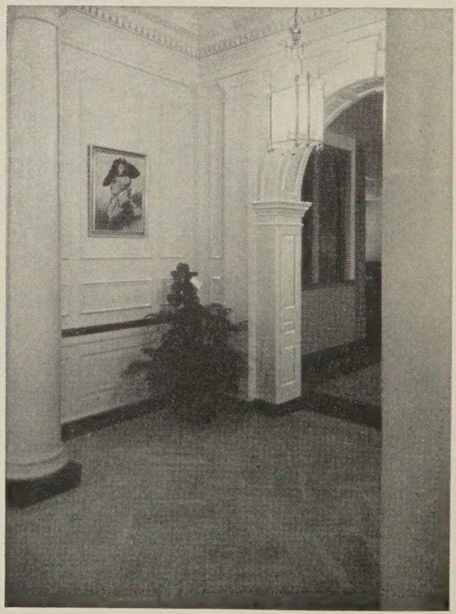


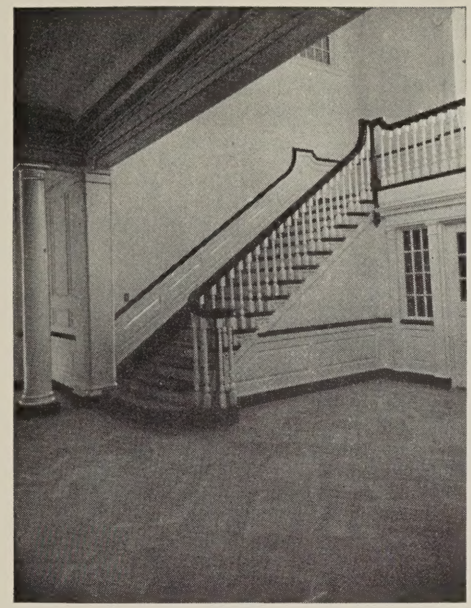
The exterior woodwork is White Pine, and was all primed at the factory before delivery.

Included in the exterior work is:

- Wood double-hung frames and windows
- Dental cornice
- Quoins
- Turned balusters and urns on the tower
- Circle-head frames and angle pilasters on the octagonal portion of the tower.

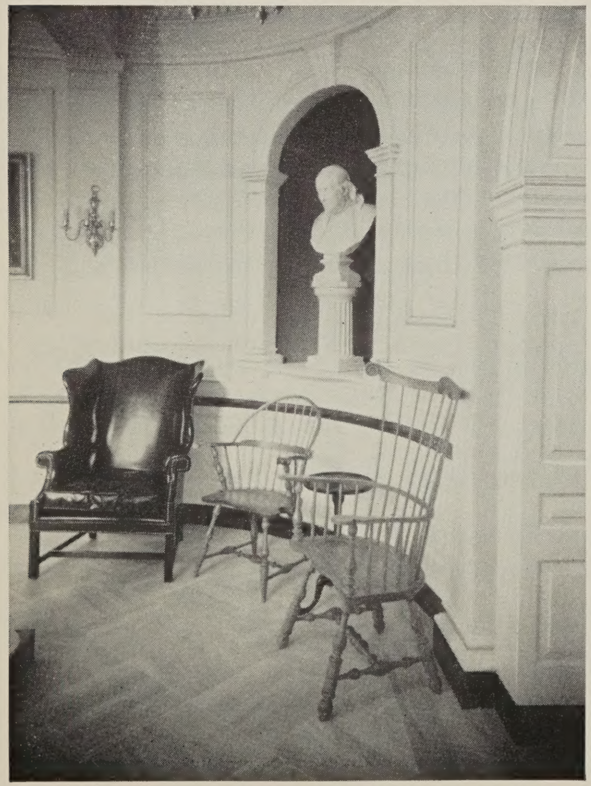
The Palladian window, and typical colonial entrance are shown in this photograph.





Interior woodwork in the Lobby is of White Pine and includes the dental cornice, heavy raised panels, pilasters and columns, and special treatment of the niche and curved-head openings.

The stairs have Poplar risers and American Walnut treads, handrail, and newels—all in the finest colonial tradition. Elsewhere in the building, the trim is of Cherry and of Selected Red Birch.



suggested specifications

flush panelling

The flush panelling, where shown or specified, shall be as manufactured by Hyde-Murphy Company, of carefully matched sliced face veneers, with crossbands of Poplar, and centers of Poplar, Basswood or White Pine. Concealed backs of panelling shall be of same species as faces. These component parts shall be bonded with water-resistant resin type glue, using the hot-plate press process.

Faces shall be of .... and shall be .... in thickness (*refer to Page 6 of this catalog for available veneers and thickness*).

All panels shall be trimmed true and square, and carefully belt-sanded, and shall finish ...... in thickness.

cabinets

(*Because of great variations in types and construction of cabinets, the following suggested paragraphs should be included where appropriate*).

All joints shall be tight, and wherever possible shall be reinforced with concealed glued blocking. All miters shall be accurately cut and fitted.

Where standards, divisions, exposed shelves or counter tops are of solid lumber, and edge glueing is required because of the width, the pieces so glued shall be as nearly as possible of the same color and figure.

Exposed plywood portions of the cabinets shall be manufactured with matched veneers, and exposed plywood and door edges shall be edged with lumber of same species as face.

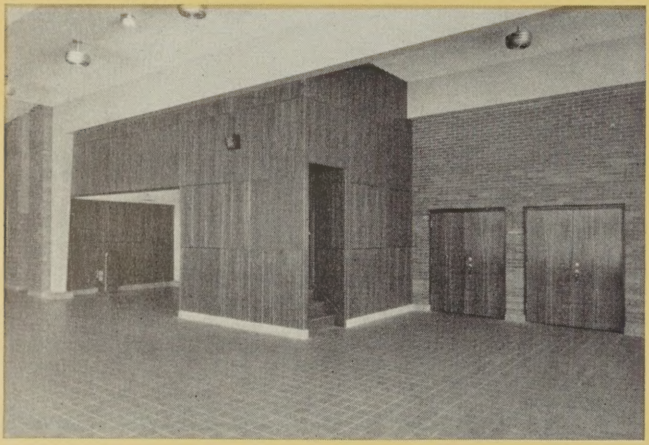
Shelves occurring back of solid doors may be manufactured of Poplar, with exposed edge of lumber matching the exposed portions of cabinets.

original "no-warp" flush doors . . . . . .

"No-warp" doors are manufactured carefully like our finest cabinet work. Choice of manufacturer's standard productions of domestic or foreign veneers permits wide selections for color, grain and figure. If desired, doors may have different woods on opposite sides, inlaying or special veneer matching. These features are particularly important in concealed doors or doors which must match wood paneling. "No-warp" doors are custom made, in any size and may have varied openings for wood or metal louvres or glass.

guarantee

Each door manufactured by Hyde-Murphy Company is guaranteed free of defects affecting the utility or appearance. We will replace, in the white, delivery charges prepaid, (if the door has been handled, stored and used in accordance with the accepted standards of the industry) any door which does not meet the Commercial Standards of the United States Department of Commerce.



Thousands of Hyde-Murphy Company flush doors are in use in hundreds of buildings, as pictured in the accompanying cut of the Auditorium Lobby of the Moon Township Senior High School, located near the Greater Pittsburgh Airport. The doors shown are veneered with Benge, an imported wood.

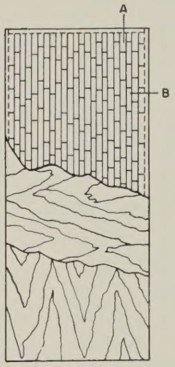
special doors

If a door is made of wood, the Hyde-Murphy Company can make it. Multi-paneled Gothic head church doors, unique entrance doors for monumental buildings, lead-lined X-ray doors, sound and fire-resistant doors, doors prepared for carving and ornamentation by others, and dozens of other special types have been made by us. Call on our experience when a special door is required.

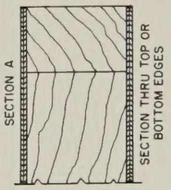
type one—5 ply

This is the modern type, "No-Warp", flush door. Simplified cores and thinner face veneers permit selling these guaranteed doors at the lowest prices consistent with a quality product.

details



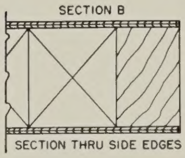
ELEVATION



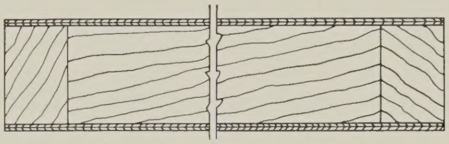
SECTION A

SECTION THRU TOP OR BOTTOM EDGES

SECTION B



SECTION THRU SIDE EDGES



END VIEW BOTTOM (OR TOP) OF DOOR

edge strips Side edge strips of same species as veneers; top and bottom edge strips of suitable hardwood.

sealed cores A staved-core unit, glued under pressure to an enclosing frame formed of the edge strips. This frame and the veneers seal the core, retarding moisture absorption.

veneers Crossbanding 1/16″ thick, with grain running at right angles to the grain of the core and face veneers.

Available face veneers include:

Red Oak, Flat-Grain
Red Oak, Rift-Sawn
Red Oak, Quartered
White Oak, Flat-Grain
White Oak, Rift-Sawn
White Oak, Quartered
Walnut, Flat-Grain
Walnut, Quartered
Ash
Avodire
Prima Vera

Birch, Unselected for color
Birch, Selected Red
Birch, Selected White
Maple, Unselected for color
Maple, Selected White
Cherry
Gum, Quartered Sap
Gum, Plain Red
African Mahogany, Flat-Grain
African Mahogany, Striped
Poplar
Teak

and many other woods including uncommon foreign and exotic veneers.

Veneer thicknesses are all 1/28″ except as follows:

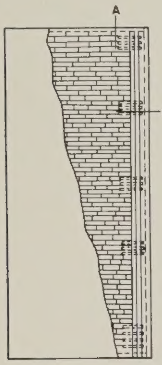
Oaks 1/24″ or 1/16″
Birches 1/28″ or 1/16″
Maples 1/28″ or 1/16″

Gums 1/28″ or 1/16″
Poplar 1/16″

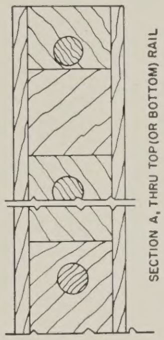
type two—3 ply

This is the original "No-warp" flush door using typical "framed-up" cores. This construction is good, superior to most, but tests prove that it is no better than the less expensive type one, 5 ply door, our Modern Type. We offer both, letting customers decide which they want—both are guaranteed.

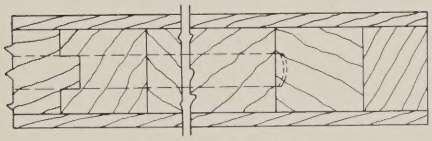
details



ELEVATION



SECTION A, THRU TOP (OR BOTTOM) RAIL



SECTION B, THRU STILES

core construction Our "framed-up" cores are standard in the industry. Nine horizontal staved cross members and two vertical stiles are doweled together, by dowels to each stile. Cross members are tongued together and into the stiles. All joints and dowels are glued, making a very stable core unit. Exposed stile edges have ¾" strip of finish wood.

veneers On this type of door, heavy veneers are used, omitting the crossbanding. Veneers should be standard ¼", finishing 7/32".

Available veneers in ¼" thickness include the following:

Red Oak, Flat-Grain
White Oak, Flat-Grain
Walnut, Flat-Grain
Ash
Poplar
Teak

Birch, Unselected for color
Maple, Unselected for color
Cherry
Gum, Plain Red
African Mahogany, Flat-Grain
African Mahogany, Striped
Philippine Mahogany

specifications

five-ply flush doors

All doors shall be 5-ply flush doors, "no-warp" construction as manufactured by the Hyde-Murphy Company.

Face veneers and edge strips of doors shall be of .... The veneers shall be .... in thickness and shall be carefully matched for color and figure (except for painted doors, in which case this matching specification shall be omitted).

Core of doors shall be of White Pine, Ponderosa Pine, Basswood, Poplar or similar wood, composed of strips not over 1¾" in width, and of short lengths; these strips glued together under pressure, and the resultant slabs planed to uniform thickness.

Core shall be bound on four edges with edge strips, those on sides to be of same species as face veneers, and on top and bottom of door of Poplar.

Crossbands of Poplar 1/16" or more in thickness shall be glued to faces of cores, and face veneers glued to the crossbands, with water-resistant resin glue, using the hot-plate press process.

Doors shall be belt-sanded, and have skids applied to bottom edge for protection in handling.

three-ply flush doors

All doors shall be 3-ply flush doors, "no-warp" construction as manufactured by the Hyde-Murphy Company.

Veneers shall be of .... and shall be standard ¼" in thickness, finishing 7/32" in thickness. They shall be carefully matched for color and figure; and applied to core with water-resistant resin glue, using the hot-plate press process.

Core shall be constructed of stiles, rails and panels, all of uniform thickness, and mortised or dowelled together. Each member of the core shall be composed of strips of White Pine, Ponderosa Pine, Basswood, Poplar or similar wood, not over 1¾" wide and in short lengths, and glued together. The core slab shall be surrounded with edge strips, those on the sides of species matching face veneers, and on top and bottom of Poplar.

Doors shall be belt-sanded, and have skids applied to bottom edge for protection in delivery.

handling instructions

(Architects should include these in their specifications):

1. One coat of finish (or primer) shall be applied at the factory before doors are shipped.
2. Doors shall not be placed in any location where the moisture is excessive.
3. Doors shall be stored by laying flat (not by standing on edge or end) and shall be covered on exposed surface.
4. Seal top and bottom of each door, after fitting, with spar varnish or heavy paint.

custom woodwork installations

architectural woodwork

Women's Dormitory, Cornell University, Ithaca, N. Y.
Architect—Bagg & Newkirk
Builders—Barr & Lane, Inc.

Cryptic Lodge, George Washington Masonic National Memorial, Alexandria, Va.
Architect—Harvey Wiley Corbett
Builders—Eugene Simpson & Brother

Additon to Postoffice, Williamsburg, Va.
Post Office Department and
Williamsburg Restoration, Inc.

Science Building No. 1, Queens College, Flushing, N. Y.
Architect—Fellheimer & Wagner
Builders—T.G.K. Construction Co.

Veterans Administration Hospital, Baltimore, Md.
Builders—Consolidated Engineering Co.

Refectory Building Virginia Theological Seminary
Architect—Faulkner, Kingsbury & Stenhouse
Builders—Davis, Wick, Rosengarten Co.

Educational Building, First Presbyterian Church, Warren, Ohio
Architect—Arthur F. Sidells
Builders—Gilpin Construction Co.

Addition to East High School, Arkon, Ohio
Architect—Martin E. Murphy
Builders—John Jacobson Co.

Colby College, Waterville, Maine. Miller Library, Lorimer Chapel, Roberts Memorial Union, East and West Freshman Dormitories, Keys Science Building.
Architect—Jens Frederick Larson
Builders—Hegeman-Harris Co.

Clinical Laboratory Facilities, Hiroshima, Japan
Architect—York and Sawyer
Contractors—National Academy of Sciences, National Research Council

Chapels, Manhattan State Hospital, Wards Island, N. Y.
Architect—Cornelius J. White, State Architect, N.Y.
Builders—Levco Construction Corp.

Office Building for Montgomery County, Rockville, Md.
Architect—Robert S. Senseman
Builders—Byrne Organization, Inc.

Junior-Senior High School, Lyons, N. Y.
Architect—Carl C. Ade
Builders—Brown-Hoyt, Inc.

Shrine of Our Lady of Perpetual Help, Baltimore County, Md.
Architect—Gaudreau & Gaudreau
Builders—Morrow Bros., Inc.

flush doors

Administration Building, University of Chicago
Holabird and Root, Architects
Doors veneered with Quartered Walnut

Government Military School and Hospital
Caracas, Venezuela
Doors veneered with African Mahogany

General Tripler (U.S. Army) Hospital
Oahu, Territory of Hawaii
Doors veneered with Rosewood, Koa and Teak

Hartford Hospital, Hartford, Conn.
Architects: Coolidge, Shepley, Bulfinch & Abbott
1850 Doors veneered with Honduras Mahogany, African Mahogany and Cherry.

HYDE-MURPHY CO.
RIDGWAY, PENNSYLVANIA

Sales Offices located in
New York, N.Y. ● Washington, D.C.
Pittsburgh, Pa. ● Rochester, N.Y.